

**BOX PATENT
APPLICATION**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Rodney B. Croteau and Attorney Docket No.: WSUR114294
Charles C. Burke

Title: GERANYL DIPHOSPHATE SYNTHASE LARGE SUBUNIT, AND
METHODS OF USE

INFORMATION DISCLOSURE STATEMENT

Seattle, Washington 98101

TO THE COMMISSIONER FOR PATENTS:

Applicants are aware of the information listed in the attached form that may be material to the prosecution of the above-identified patent application.

1. X Copies of the listed patents, publications, and other information are enclosed for the Examiner's use.
2. X This Information Disclosure Statement is being filed concurrently with the above-identified application.

Respectfully submitted,

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INFORMATION CITED BY APPLICANTS THAT MAY BE MATERIAL
TO THE PROSECUTION OF THE SUBJECT APPLICATION

Applicant: Rodney B. Croteau and Attorney Docket No. WSUR117920
Charles C. Burke

Title: GERANYL DIPHOSPHATE SYNTHASE LARGE SUBUNIT, AND
METHODS OF USE



U.S. PATENT DOCUMENTS

*Examiner Initial	ID	Document No.	Date	Name
	U1	5,876,964	03/02/99	Croteau et al.

FOREIGN PATENT DOCUMENTS

*Examiner Initial	ID	Document No.	Date	Country	Translation Provided	
					Yes	No
	F1	WO99/19460	22/04/99	PCT		

OTHER INFORMATION

(Including Author, Title, Date, Pertinent Pages, Etc.)

*Examiner Initial	ID	
	O1	Endo et al., "Demonstration of granyl diphosphate synthase in several higher plants," <i>Phytochemistry</i> , 31(7) :2273-2275 (1992).
	O2	Sutcliffe, J.G., "Complete nucleotide sequence of the <i>Escherichia coli</i> Plasmid pBR322. <i>Cold Spring Harbor Symposium on Quantitative Biology</i> , 43 :77-90 (1979).
	O3	Suga et al., "Geranyl Diphosphate Synthase in Leaves of <i>Pelargonium roseum</i> ," <i>Phytochemistry</i> , 30(6) :1757-1761 (1991).
	O4	Gershenzon, J. et al., <i>Anal. Biochem.</i> , 200 :130-138 (1992).

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- _____ O5 Croteau, R. et al., "Geranyl Pyrophosphate Synthase: Characterization of the Enzyme and Evidence That This Chain-Length Specific Prenyltransferase is Associated with Monoterpene Biosynthesis in Sage (*Salvia officinalis*)," *Arch. Biochem. Biophys.*, **271(2)**:524-535 (1989).
- _____ O6 Heide, L. et al., "Partial Purification and Properties of Geranyl Pyrophosphate Synthase from *Lithospermum erythrorhizon* Cell Cultures," *Arch. Biochem. Biophys.*, **273(2)**:331-338 (1989).
- _____ O7 Clastre, M. et al., "Purification and Characterization of Geranyl Diphosphate Synthase from *Vitis vinifera* L. cv Muscat de Frontignan Cell Cultures," *Plant Physiol.*, **102**:205-211 (1993).
- _____ O8 Scolnik, P.A. and Bartley, G.E., "A Table of Some Cloned Plant Genes Involved in Isoprenoid Biosynthesis," *Plant Mol. Biol. Reporter*, **14(4)**:305-319 (1996).

Examiner

Date Considered

*Examiner: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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